

Patent Abstracts of Japan

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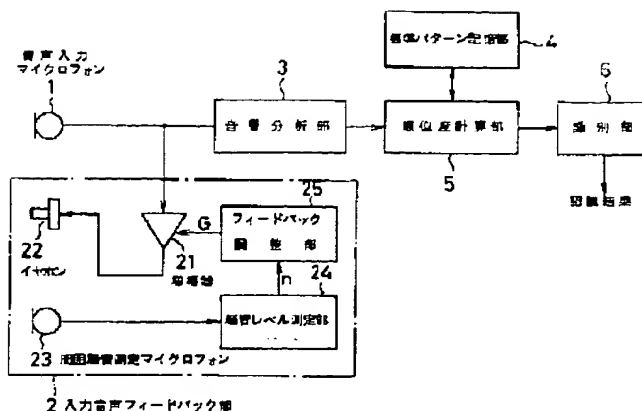
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APPLICANT : TOSHIBA COMPUT ENG CORP;

INVENTOR : NAKAYAMA AKIRA;

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TITLE : SPEECH RECOGNIZING DEVICE



ABSTRACT : PURPOSE: To exhibit highly precise recognizing performance even in a very noisy environment by improving deterioration in the recognizing performance originating from the deformation of a speech due to Lombard effect.

CONSTITUTION: A speech to be recognized which is inputted through a speech input microphone 1 is fed back to the ear of a speaker himself by an input speech feedback part 2 through an amplifier 21 and an earphone 22. Further, the noise at the periphery of the device is inputted through an ambient noise measurement microphone 23, a noise level measurement part 24 measures its noise level (n), and a feedback adjustment part 25 adjusts the gain G of the amplifier 21 according to the measured value.

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